

AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parenthesis, underlined text indicating insertions, and strike through and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1. (Currently Amended) A ~~recording~~ computer readable medium having a data structure for managing reproduction of graphic data, comprising:

a graphic information area including at least one graphic image reproduction information segment and ~~at least one~~ palette information ~~segment~~ segments, each palette information segment providing color information, each graphic image reproduction information segment providing reproduction information for reproducing one or more graphic images wherein each palette information segment has an identifier; and the reproduction information identifies a palette information segment using the identifier for the palette information segment.

2. (Currently Amended) The ~~recording~~ computer readable medium of claim 1, wherein the reproduction information identifies a palette information segment to use in reproducing one or more graphic images.

3. (Currently Amended) The ~~recording~~ computer readable medium of claim 2, wherein two or more graphic image reproduction information segments include reproduction information that identify a same palette information segment.

4. (Cancelled)

5. (Currently Amended) The ~~recording~~ computer readable medium of claim 1, wherein the palette information segment includes a blending ratio indicating a level of opacity for the associated color information.

6. (Currently Amended) The ~~recording~~ computer readable medium of claim 1, wherein the palette information segment includes a blending ratio indicating a level of transparency for the associated color information.

7. (Currently Amended) The ~~recording~~ computer readable medium of claim 1, wherein the recording medium is a BD-ROM.

8. (Currently Amended) The ~~recording~~ computer readable medium of claim 1, wherein two or more graphic image reproduction information segments share a same palette information segment.

9. (Currently Amended) A method of reproducing a data structure for managing reproduction of graphic data from a recording medium, comprising:

reproducing at least one graphic image reproduction information segment and ~~at least one~~ palette information ~~segment~~ segments from the recording medium, each palette information segment providing color information, each graphic image reproduction information segment providing reproduction information including an indicator for indicating one of palettes (palette ID), for reproducing one or more graphic images wherein each palette information

segment has an identifier; and the reproduction information identifies a palette information segment using the identifier for the palette information segment.

10. (Currently Amended) An apparatus for reproducing a data structure for managing reproduction of graphic data from a recording medium, comprising:

a ~~driver for driving~~ an optical reproducing device configured to reproduce ~~to reproduce~~ data recorded on the recording medium;

a controller configured to control ~~for controlling~~ the optical reproducing device ~~driver~~ to reproduce at least one graphic image reproduction information segment and ~~at least one~~ palette information ~~segments~~ segments from the recording medium, each palette information segment providing color information, each graphic image reproduction information segment providing reproduction information including an indicator for indicating one of palettes (palette ID) for reproducing one or more graphic images, wherein each palette information segment has an identifier; and the reproduction information identifies a palette information segment using the identifier for the palette information segment.

11. (Currently Amended) A method of recording a data structure for managing reproduction of graphic data on a recording medium, comprising:

recording at least one graphic image reproduction information segment and ~~at least one~~ palette information ~~segment~~ segments on the recording medium, each palette information segment providing color information, each graphic image reproduction information segment providing reproduction information including an indicator for indicating one of palettes (palette ID) for reproducing one or more graphic images wherein each palette information

segment has an identifier; and the reproduction information identifies a palette information segment using the identifier for the palette information segment.

12. (Currently Amended) An apparatus for recording a data structure for managing reproduction of graphic data on a recording medium, comprising:

~~a driver for driving~~ an optical recording device configured to record data on the recording medium;

an encoder for encoding at least multiple reproduction path video data; and

a controller configured to control ~~for controlling~~ the optical recording device~~driver~~ to record at least one graphic image reproduction information segment and ~~at least one~~ palette information ~~segment~~ segments on the recording medium, each palette information segment providing color information, each graphic image reproduction information segment providing reproduction information including an indicator for indicating one of palettes (palette ID), for reproducing one or more graphic images, wherein each palette information segment has an identifier; and the reproduction information identifies a palette information segment using the identifier for the palette information segment.

13. (New) The method of claim 9, wherein the reproduction information identifies a palette information segment to use in reproducing one or more graphic images and further wherein two or more graphic image reproduction information segments include reproduction information that identify a same palette information segment.

14. (New) The method of claim 9 wherein the palette information segment includes a blending ratio indicating at least one of the two following levels: a level of opacity for

the associated color information and a level of transparency for the associated color information
a level of transparency for the associated color information.

15. (New) The method of claim 9, wherein the recording medium is a BD-ROM.

16. (New) The method of claim 9, wherein two or more graphic image reproduction
information segments share a same palette information segment.

17. (New) The apparatus of claim 10, wherein the reproduction information identifies
a palette information segment to use in reproducing one or more graphic images and further
wherein two or more graphic image reproduction information segments include reproduction
information that identify a same palette information segment.

18. (New) The apparatus of claim 10, wherein the palette information segment includes
a blending ratio indicating at least one of the two following levels: a level of opacity for the
associated color information and a level of transparency for the associated color information a
level of transparency for the associated color information.

19. (New) The apparatus of claim 10, wherein the recording medium is a BD-ROM.

20. (New) The apparatus of claim 10, wherein two or more graphic image
reproduction information segments share a same palette information segment.

21. (New) The method of claim 11, wherein the reproduction information identifies a palette information segment to use in reproducing one or more graphic images and further wherein two or more graphic image reproduction information segments include reproduction information that identify a same palette information segment.

22. (New) The method of claim 11, wherein the palette information segment includes a blending ratio indicating at least one of the two following levels: a level of opacity for the associated color information and a level of transparency for the associated color information a level of transparency for the associated color information.

23. (New) The method of claim 11, wherein the recording medium is a BD-ROM.

24. (New) The method of claim 11, wherein two or more graphic image reproduction information segments share a same palette information segment.

25. (New) The apparatus of claim 12, wherein the reproduction information identifies a palette information segment to use in reproducing one or more graphic images and further wherein two or more graphic image reproduction information segments include reproduction information that identify a same palette information segment.

26. (New) The apparatus of claim 12, wherein the palette information segment includes a blending ratio indicating at least one of the two following levels: a level of opacity for the associated color information and a level of transparency for the associated color information a level of transparency for the associated color information.

27. (New) The apparatus of claim 12, wherein the recording medium is a BD-ROM.
28. (New) The apparatus of claim 12, wherein two or more graphic image reproduction information segments share a same palette information segment.